



**US Army Corps
of Engineers**
St. Louis District®

U.S. ARMY CORPS OF ENGINEERS

DREDGE POTTER

Vessel Specifications:

**Built in 1932, Dravo
Contracting Co.
Pittsburgh, PA
Repowered: 2001 by
Halter Gulf
Repair, New Orleans, La**

Length: 240 ft, 6 inches
Beam: 46 ft, 1 ½ inches
Design draft: 5 ft., 6
inches

Hull depth: 9 ft.

Displacement: 1514 tons

Material of Hull: Steel

Crew Required: 28 per shift (3 shift operation)

Main Propelling Power: 2400 Horsepower

Engines: 3 – main diesel generators, model cat 3516B, MRFD: Caterpillar

Propellers: Number 2; Diameter: 84 inch; Number of blades: 5

Dredging Depths: 30 ft., minimum 7 ft.

Width of Cut: maximum 32 ft., minimum 32 ft.

Dredging Pumps: Number – 1; Runner Diameter 84 in., suction pipes no. 1, I.D. 38 in.

Pumping Power: Total Horsepower 2400

Motors: Number, Make and Type: 2 (two), General Electric Model 5CD685WA800C801

H.P. Per Motor: 1200 B.H.P. at 900 RPM

KW Per Generator: 1825 KW at 1800 RPM, Voltage: 480 VAC

Reduction Gear: Type and Capacity: 1 (one) model 30-DHMG, Philadelphia Gear

Agitator: Type: Electric Motor Driven Jet Pump, 500 HP at 900 RPM Size: 28, 1-inch nozzles

Ladder: Length 44.5 Ft.

Bunker Capacity: 925 BBLs

Remarks: In-Port Generator: 370 KW at 1800 RPM, Cat 3408 DITA

Sewage Treatment Plant – 68 person, fast, model MX-5

